BLM LIBRARY
88047298

# RANGELAND PROGRAM SUMMARY

# ALTURAS & EAST SHASTA PLANNING AREAS

SF
85.35
.C2
A455
1984

United States Department of the Interior
Bureau of Land Management-Susanville District

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225

ID 88047298

SF
85.35
.C2
A455
1984

# United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Alturas Resource Area
P. O. Box 771
Alturas, California 96101

IN REPLY
REFER TO:

Dear Reader:

It is my pleasure to make available to you the Initial Rangeland Program Summary (RPS) for the Susanville BLM District's Alturas and East Shasta Planning Areas.

The Alturas and Redding Environmental Impact Statements and Land Use Plans are completed. It is now time to turn our efforts toward accomplishing the goals and objectives we have set for ourselves.

This document is a communication bridge between the two major decision points affecting livestock grazing--land-use planning decisions and grazing decisions to be issued to individual grazing permittees. It provides a tracking mechanism from the analysis of alternatives in the grazing EIS, to the land use planning decisions, through the implementation of grazing management actions.

Because planning and management of public lands is a dynamic process with a great deal of specific on-the-ground decisions yet to be made, subsequent RPS updates will be issued to keep you informed of our management progress. Public participation will play a vital role in developing specific grazing management plans. Consequently, we encourage your continued participation and feel confident that together we can put our planning efforts to work to best meet our public and resource needs.

Sincerely yours,

C. Rex Cleary
District Manager

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225

BLM CA TE 85 002 4100

# RANGELAND PROGRAM SUMMARY

FOR

# ALTURAS AND EAST SHASTA PLANNING AREAS

OCTOBER 1984

U.S. Department of the Interior

Bureau of Land Management

TABLE OF CONTENTS


| | Page |
|---|---|
| Previous Actions Relating to this Document | 1 |
| INTRODUCTION | 1 |
| Purpose | 1 |
| OVERVIEW | 2 |
| MANAGEMENT ALTERNATIVES (Alturas and Redding EISs) | 3 |
| A. Alturas RMP/EIS Management Alternatives | 3 |
| 1. Proposed Alternative (Balanced) | 3 |
| 2. Alternative A (Maximize Production) | 3 |
| 3. Alternative B (Maximize Protection) | 4 |
| 4. Alternative C (No Grazing) | 4 |
| 5. Alternative D (Continue Present Management) | 4 |
| B. Redding Grazing EIS (East Shasta UnitI) | 4 |
| 1. Proposed Alternative (Continue Present Management) | 4 |
| 2. Alternative A (Maximize Natural Condition) | 4 |
| 3. Alternative B (Balanced Use) | 5 |
| 4. Alternative C (Commodity Production) | 5 |
| RANGE MANAGEMENT PROGRAM | 5 |
| A. Range Management Program Progress to Date | 6 |
| B. Range Management Program that is Proposed | 6 |
| 1. North Tablelands Allotment | 7 |
| 2. South Tablelands Allotment | 7 |
| 3. Pine Creek Mesa Allotment | 7 |
| 4. South Graves Allotment | 7 |
| 5. North Graves Allotment | 7 |
| 6. Mackey Allotment | 7 |
| 7. Westside Allotment | 7 |
| 8. Bailey Dorris Allotment | 7 |
| 9. Portuguese Flat Allotment | 8 |
| 10. Strip Allotment | 8 |
| 11. Russell Slough Allotment | 8 |
| 12. Crowder Allotment | 8 |
| 13. Chace Valley Allotment | 8 |
| 14. Dixie Valley Allotment | 8 |
| 15. West Beaver Creek Allotment | 8 |
| 16. East Beaver Creek Allotment | 9 |
| 17. Plantation Field Allotment | 9 |
| 18. Bald Mountain Allotment | 9 |
| 19. River Pasture Allotment | 9 |
| 20. Muck Valley Allotment | 9 |
| 21. Thompson Allotment | 9 |
| 22. Termo/Lane Allotment | 10 |
| 23. Cold Springs Allotment | 10 |
| 24. Tule Lake Allotment | 10 |
| 25. Nelson Corral Allotment | 10 |
| 26. Silva Flat Allotment | 10 |

TABLE OF CONTENTS (Continued)


Page

27. Said Valley Allotment . . . . . 11
28. North Ash Valley Allotment . . . . . 11
29. South Ash Valley Allotment . . . . . 11
30. Anderson Allotment . . . . . 11
31. South McDonald Allotment . . . . . 11
32. McDonald Mountain Allotment . . . . . 11
33. Dry Cow Allotment . . . . . 11
34. Six Mile Hill Allotment . . . . . 11
35. Starvation Gulch Allotment . . . . . 12
36. Archgate Allotment . . . . . 12
37. Moon Springs Allotmnt . . . . . 12
38. Popcorn Cave Allotment . . . . . 12
39. Hogback Ridge Allotment . . . . . 12

Resource Protection . . . . . 12

A. Standard Operating Procedures . . . . . 12
B. Mitigation Measures . . . . . 13
C. Monitoring Program . . . . . 15
Range . . . . . 15
Program Implementation . . . . . 16
Opportunity for Protest . . . . . 16
D. Public Participation. . . . . 17

TABLE I . . . . . 21

TABLE II . . . . . 27

# RANGELAND PROGRAM SUMMARY

## Previous Actions Relating to this Document

| | |
|---|---|
| Draft Alturas RMP/EIS | April, 1983 |
| Final Alturas RMP/EIS | October, 1983 |
| Draft Redding EIS (East Shasta Unit) | March, 1983 1/ |
| Final Redding EIS (East Shasta Unit) | August, 1983 |

For detailed information on livestock grazing management alternatives, range conditions, analysis of the management alternative, etc. of the Draft and Final Alturas Resource Management Plan/Environmental Impact Statement and the Draft and Final Redding Environmental Impact Statement are available at the Susanville BLM District Office in Susanville, California or the Alturas Area Office in Alturas, California.

## INTRODUCTION

### Purpose

This initial RPS is designed to inform interested parties of the process for determining the grazing management for the Alturas Planning Area and the East Shasta Unit of the Redding Grazing EIS.

Briefly, the process entails four steps: 1) This document, which summarizes the Bureau of Land Management proposals for grazing management and describes the current conditions and the consultation process; 2) The AMP development and consultation phase, where proposals for management will be reviewed by representatives of the affected parties; 3) The RPS update, which will reflect the modification or verification of the management proposals based on input during the AMP development and consultation process; 4) The issuance of individual rancher decisions after AMP development and/or monitoring data is available to the authorized officer. The timing of the issuance of grazing decision will be dependent upon the availability of funding for AMP development and monitoring.

The management actions proposed in this document are designed to meet the land use objectives and goals identified in the Alturas and the Redding Land Use Plan Summaries. Modifications suggested during the AMP development and the consultation process will be used to help meet the land use plan objectives.

In selecting the management proposals, major consideration was given to developing long term, natural resource capabilities of the area, while reducing or mitigating adverse environmental and socioeconomic impacts. These proposals are in full agreement with the intent of NEPA to restore and enhance the quality of the human environment, yet avoid or minimize possible adverse effects on the human environment.

1/ The East Shasta Unit of the Redding Planning Area was administratively transferred from the Redding District to the Susanville District in August, 1982.

OVERVIEW

The area has been grazed by livestock for over 100 years. Excessive livestock grazing from the 1890's to 1930's took its toll on the planning area's rangelands and many of today's problems are more a result of early grazing practices than current practices. Two areas in the Madeline and Alturas Planning Units were significantly impacted by additions to the Modoc National Forest and fencing of its boundaries in the late 1920's and early 1930's. Livestock were forced off these National Forest lands onto Public Domain lands and exaggerated claims of historical use on Public Domain land by the applicants occurred during the priority years (1929 - 1934) of the Taylor Grazing Act. These particular lands were substantially overstocked by 1938 when the last applications were accepted and remained overstocked until the adjudication period. Grazing use was unregulated in the East Shasta planning area until 1952, when the area was put under Section 15 lease. During the livestock adjudication period of the 1960's, livestock AUM's were reduced and forage allocations were made for wildlife use within the planning areas. A total of 9,661 AUM's were allocated for wildlife use. In the two EIS areas, agriculture and livestock grazing are primary industries and are important to the local and regional economies.

During the 1980/1981 vegetative ecological condition inventories, the condition of the major range sites were analyzed. These inventories indicate the following:

| | |
|---|---|
| Excellent Condition | 3.4% |
| Good Condition | 21.1% |
| Fair Condition | 35.1% |
| Poor Condition | 7.0% |
| Unsurveyed | 14.3% |
| Woodland | 19.1% |
| | 100.0% |

Woodland range sites were not rated for range ecological condition class as per the existing Soil Conservation Service requirements under this classification system. The unsurveyed acres resulted from unfinished SCS soil surveys, lower funding levels to hire temporary employees for inventory and the scattered land pattern involved with unserveyed allotments.

Improvement in range condition has occurred or maintenance levels have been attained in livestock use. Most allotments do not exceed moderate utilization levels and many fences have been built to control livestock drift. It is believed that range trend is stable or slightly up, except for environmentally sensitive areas where the trend is down and those areas are discussed in the Land Use Plan. Since livestock reductions have not solved localized problems, such as heavy grazing around water, meadows, riparian areas and aspen stands, the solution lies largely in managing grazing rather than in reducing it.

In the two EIS areas there are 180 operators and 152 allotments. All allotments are licensed for cattle with the exception of two sheep operators in the Wing Allotment and Tule Mountain Allotments. Additionally there is one sheep trailing permit. There are 52,207 Active AUMs and 32,111 Suspended Nonuse AUMs for a total livestock grazing preference of 84,318 AUMs. There are 9,661 AUMs allocated to wildlife. There are ten (10) existing AMPs in the Alturas planning area and three (3) existing AMPs in the East Shasta planning area. Combined, these existing AMPs provide intensive livestock management for 35% of the total acres and 44% of the Active AUMs in the two planning areas. These AMPs have been in place since the late 1960's or early 1970's.

MANAGEMENT ALTERNATIVES (Alturas and Redding EISs)

The Alturas RMP/EIS has five alternatives and the Redding Grazing EIS has four alternatives that were brought forward through the Environmental Impact Study process. These are summarized below in items A & B:

A. Alturas RMP/EIS Management Alternatives

1. Proposed Alternative (Balanced - FEIS Alt. II)

Authorize 49,152 livestock AUMs with additional authorization to use up to 32,111 suspended non-use AUMs and additional forage, when determined to be available through monitoring of livestock forage supply and wildlife habitat trend. Allocate 280 AUMs to support the Emigrant Springs Wildhorse herd. Maintain 10 existing AMPs and implement 21 new AMPs. The 21 new AMPs would include different grazing systems with varying grazing intensities. Proposed range improvements would include 54,640 acres of prescribed burning, 1,000 acres of spraying, 650 acres of juniper removal, 29 miles of fence, 42 stockwater developments. Livestock will be excluded from 20 miles of riparian habitat, 70 meadow habitats and 50 acres of aspen stands. Extension of seasons of use from 30 to 60 days in selected allotments.

2. Alternative A (Maximize Production - FEIS Alt. I)

Authorize 48,554 livestock AUMs with additional authorization to use up to 32,111 suspended nonuse AUMs and additional forage, when determined to be available through monitoring of livestock forage supply. Allocate 280 AUMs to support the Emigrant Springs Wildhorse herd. Maintain 10 existing AMPs and implement 21 new systems with varying grazing intensities. Proposed range improvements would include 54,640 acres of prescribed burning, 1,000 acres of spraying, 650 acres of juniper removal, 29 miles of fence, 42 stockwater developments. Extension of seasons of use from 30 to 60 days in selected allotments.

3. Alternative B - (Maximize Protection - FEIS Alt. III)

Authorize 35,296 livestock AUMs after allocation to wildlife needs. No restoration of suspended nonuse AUMs. Maintain ten existing AMPs and revise three of these AMPs. Continue existing seasons of use. Proposed range improvements include 2.5 miles of fence and 11 livestock waters. Utilization levels would be set as light.

4. Alternative C - (No Grazing - FEIS Alt. IV)

All grazing allotments would be eliminated and no livestock use would be authorized on public lands. Forage would be allocated to reasonable wildlife numbers, 150 wildhorses, watershed protection and other non-consumptive uses. Range developments would not be constructed or maintained except as identified for support of non-livestock resource needs.

5. Alternative D (Continue Present Management - FEIS Alt. IV)

Authorize 49,783 livestock AUMs. Restore suspended nonuse AUMs within existing AMPs when forage is determined to be available in meeting AMP objectives. Maintain ten existing AMPs and revise four of these AMPs. Proposed range improvements include prescribed burning 38,400 acres, one mile of fencing, and one stockwater development. Maintain existing seasons of use. Utilization levels are to be light to moderate unless grazing systems allow rest and then utilization levels be allowed to reach the heavy level.

B. Redding Grazing EIS (East Shasta Unit)

1. Proposed Alternative (Continue Present Management)

Continue with the management presently in effect and increase monitoring of vegetation condition. Maintain the three existing AMPs in the planning area. Authorize 1,970 livestock AUMs for use and increase monitoring. Review and consult with users and affected parties on AMPs as described in other alternatives in the EIS.

2. Alternative A (Maximize Natural Condition)

All grazing allotments would be eliminated and no livestock use would be authorized on public lands. Forage would be allocated to reasonable wildlife numbers, watershed protection and other non-consumptive uses. Range developments would not be contructed or maintained except as identified for support of non-livestock resource needs.

3. Alternative B (Balanced Use)

Livestock grazing to be authorized after providing for soil and vegetation maintenance and forage for present deer population levels; implement some vegetation manipulation and improvement projects. Authorize 1743 livestock AUMs, maintain three existing new AMPs, and implement three new AMPs. The three new AMPs would include different grazing systems with varying grazing intensities. Proposed range improvements would include prescribed burning of 320 acres, seeding of 430 acres, two miles of fencing, and three stockwater developments.

4. Alternative C (Commodity Production)

Provide for limited soil and vegetation maintenance and forage for present deer population levels and allocate remaining forage to increased livestock grazing: Authorize 2,319 livestock AUMs, maintain three existing AMPs and implement three new AMPs. The three new AMPs would include different grazing systems with varying grazing intensities. Proposed range improvements would include prescribed burning of 320 acres, seeding of 430 acres, two miles of fencing and three stockwater developments.

RANGE MANAGEMENT PROGRAM

The proposed Range Management Program establishes a method for implementing intensive grazing management and incorporates the land use goals of the Proposed Actions of the Alturas and Redding EIS's and their land plans.

The Bureau has implemented a policy which places all allotments in selective management categories. These categories are improve, maintenance, and custodial. Selective management directs funds, monitoring emphasis and management where they will be the most effective. Major emphasis for development is for the "I" Improve Category allotments. These categories are listed in Table I, page 21.

Emphasis for development will be to implement grazing systems to allow seasonal rest or deferred grazing of the forage plants through the construction of fences. Additionally, stockwaters will be developed to better distribute livestock to alleviate grazing pressure on existing reservoirs and riparian areas. Vegetation manipulation will be used to balance forage conditions between pastures and to bring range site productivity back to higher productivity levels that are indicated by the Soil Conservation Service range site descriptions. Of the 56,360 acres identified for vegetation conversions, only certain portions would be converted to meet the above objectives and these will be determined during the AMP development and user/interested party consultation phase.

On selected intensively managed allotments, where the grazing systems provide a rest treatment, grazing utilization may be authorized for heavy use (60-80%). Moderate utilization levels will be set at moderate (40-60%) on all other allotments.

The speed of development and implementation of future AMPs is dependent upon funding levels and the amount of contibuted funds that can be solicited.

A. Range Management Program Progress to Date

1. Maintain the existing 13 AMPs in the two planning areas and continue present monitoring. Upgrade monitoring where conditions warrant.

2. During the Fiscal Year of 1983 the following AMPs were developed with user and other interested groups consultations:

| New AMP Developed | Acres | AUMs |
|---|---|---|
| Dixie Valley | 16,332 | 1,291 |
| Silva Flat | 14,750 | 1,249 |
| Westside | 2,171 | 129 |
| Bailey/Dorris | 2,968 | 386 2/ |
| Crowder | 2,231 | 160 |
| | 38,452 | 3,215 |

This will bring the two planning area totals under intensive livestock management to 44% of the acres and 50% of the active AUMs. These AMPs are being implemented with Federal funds and contributed funds during the Fiscal Years of 1984 and 1985.

3. During the present Fiscal Year of 1984, the Alturas Resource Area is working on the following allotments: Revision and the combining of the Mackey and North Graves existing AMPs into one AMP and converting the Nelson Corral AMP to a CMA. Implementation of stockwater developments in the new AMPs that were developed in 1983. Implementation of monitoring on the new AMPs.

B. Range Management Program that is Proposed

The following is a list of the "I" (improve) category allotments that have existing AMPs or will have AMPs developed for them in future planning years. The proposed range improvement projects listed below are best estimates and the estimates will be refined during the AMP development and user/interested party consultation phase. "M" (maintenance) category allotments will be considered for future inclusion as CMAs by the Bureau, the Susanville District Grazing Advisory Board and the Susanville District Multiple Use Advisory Council. "C" (custodial) category allotments will receive minimal funding until the "I" (improve) allotment and land use plan objectives are realized.

2/ Bailey/Dorris allotment was combined with the Westside Allotment to form one AMP.

1. North Tablelands Allotment

This is an existing AMP that needs revision to reflect the addition of the Signal Butte pasture to this allotment. It is proposed to construct one reservoir and to experimentally burn and seed 1,000 acres of Medusahead. The present three pasture rest rotation grazing system and monitoring will be maintained. One Habitat Management Plan will be developed for Fitzhugh Creek and a watershed Best Management Practice Plan was developed for the Tablelands last year.

2. South Tablelands Allotment

This is an existing AMP with three pastures. It is proposed to experimentally burn and seed 1,000 acres of Medusahead. The present grazing system and monitoring will be maintained.

3. Pine Creek Mesa Allotment

This is an existing AMP with two pastures. The present grazing system and monitoring will be maintained.

4. South Graves Allotment

This is an existing AMP with four pastures. It is proposed to build one reservoir and burn and release 4,000 acres. The present grazing system and monitoring will be maintained.

5. North Graves Allotment

This is an existing AMP with two pastures. The North Graves and Mackey AMPs are being revised and combined during this year. It is proposed to build one mile of fence and to burn and seed 500 acres. The grazing system will be modified and monitoring will be increased.

6. Mackey Allotment

This is an existing AMP with two pastures. See North Graves Allotment discussion.

7. Westside Allotment

This is a new AMP that was developed last year. This AMP combined the Bailey Dorris Allotment with the Westside Allotment to form two pastures. It is proposed to build four reservoirs and to burn and seed 1,000 acres. The grazing system, reservoirs and monitoring are being implemented this year.

8. Bailey Dorris Allotment

See Westside Allotment discussion.

9. Portuguese Flat Allotment

This is a future AMP for development with possibly two pastures.

10. Strip Allotment

This is a future AMP for development. It is proposed to combine this allotment with the adjacent Emigrant Springs Allotment on the Modoc National Forest. There is an 8½ mile unfenced boundary between the two allotments and one wild horse herd summers on both allotments. The Emigrant Springs horse herd was brought down to management numbers last year and 280 AUM's will be allocated to wild horses. It is proposed to develop two reservoirs in this allotment for livestock and wild horses.

11. Russell Slough Allotment

This is an existing AMP with two pastures. It is proposed to develop one well in this allotment. It is proposed to revise this AMP and combine the Capik Allotment into this AMP. The present grazing system and monitoring will be maintained until the revision is made.

12. Crowder Allotment

This is a new AMP that was developed last year. It is proposed to develop two pastures that will be rest rotation in conjunction with the permittee's private land. It is proposed to build 2½ miles of fence next year and two reservoirs will be constructed this year. Monitoring is being implemented this year.

13. Chace Valley Allotment

This is a future AMP for development. It is proposed to develop 1.5 miles of fence, two reservoirs, one spring and to spray and release 1,000 acres of sagebrush.

14. Dixie Valley Allotment

This is a new AMP that was developed last year. It is proposed to develop four pastures to be used in rotation with two adjacent Forest Service allotments. A little over three miles of fence will be built this year with contributed funds and four reservoirs will be constructed next year. Monitoring is being implemented this year. A Best Management Practices Plan will be developed for Sheep Valley and livestock will be excluded from the meadow complex.

15. West Beaver Creek Allotment

This is a future AMP for development. It is proposed to build one new reservoir. This allotment will need more consultation with the range users and other interested parties to develop the grazing system proposals.

16. East Beaver Creek Allotment

This is a future AMP for development. It is proposed that the East Beaver Creek Allotment be combined with the Plantation Field Allotment for management as two pastures. It is proposed that 1,940 acres in the Plantation Field be burned and seeded for development.

17. Plantation Field Allotment

See East Beaver Creek Allotment discussion.

18. Bald Mountain Allotment

This is a future AMP for development. It is proposed that the Bald Mountain Allotment be combined with the River Pasture Allotment for AMP development into three pastures. It is proposed to develop 4.5 miles of fence, three reservoirs and to burn and release 2,200 acres in these two allotments. Additional range user and interested parties consultation is needed due to River Pastures proximity to the Pit River Canyon Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation.

19. River Pasture Allotment

See Bald Mountain Allotment discussion.

20. Muck Valley Allotment

This is a future AMP for development. It is proposed that a three or four pasture grazing system be developed using existing pastures and that one reservoir and one spring be developed. Additional range user and interested parties consultation is needed due to its proximity to the Pit River Canyon Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation.

21. Thompson Allotment

This is a future AMP for development. It is proposed that this may be a two or three pasture system. No range improvements are proposed at this time. Additional range user and interested parties consultation is needed due to its proximity to the Pit River Canyon Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines final designation.

22. Termo/Lane Allotment

This allotment is in the "I" improve category but it is not presently being considered for AMP development. This is due to a pending land exchange proposal that in effect would eliminate Federal grazing control of this allotment.

23. Cold Springs Allotment

This is an existing AMP with four pastures. It is proposed to develop six new reservoirs and to burn and release 5,000 acres in future years. The present grazing system and monitoring will be maintained.

24. Tule Lake Allotment

This is an existing AMP with three pastures. The range users have voluntarily taken a 30% reduction in use, since 1979, to try and improve range conditions. Both range and wildlife interests recognize that improved forage production could be achieved if big sagebrush and juniper control were implemented. It is proposed that two reservoirs be built and that 18,400 acres be burned and released. Additional range user and interested parties consultation is needed due to the Tule Mountain Wilderness Study Area. Appropriate areas will be managed under the Interim Management Policy for Wilderness Study Areas until Congress determines a final designation. A watershed Best Management Practices plan is being developed for portions of this allotment during this year. The present grazing system and monitoring will be maintained.

25. Nelson Corral Allotment

This is an existing AMP with a four pasture rest rotation system. A dependable water supply in some pastures leads to the grazing system frequently having to be modified, but deferment and partial rest is normally achieved. It is proposed to develop one spring and to burn and release 8,000 acres in the allotment. A Cooperative Management Agreement (CMA) is being developed for this allotment during this year. The permittee will maintain a grazing system that will maintain the existing forage quality and quantity, prevent increases in soil erosion and maintain bitterbrush and mountain mahogany populations. Monitoring will be maintained.

26. Silva Flat Allotment

This is a new AMP that was developed last year. It is proposed that four reservoirs be constructed to improve livestock distribution. The grazing system and monitoring is being implemented this year and the reservoirs will be contructed next year.

27. Said Valley Allotment

This is a future AMP for development. It is proposed that two pastures be developed, that one mile of fence be developed and that 600 acres be burned and released.

28. North Ash Valley Allotment

This is a future AMP for development. It is proposed that two to four pastures be developed and that six miles of fence be built, four reservoirs be developed and 5,000 acres be burned and released. A Research Natural Area will be designated and a Habitat Management Plan will be developed to protect a Threatened and Endangered plant complex.

29. South Ash Valley Allotment

This is a future AMP for development. It is proposed that the South Ash Valley Allotment be combined with the Anderson Allotment for AMP development. It is proposed that two to four pastures be developed and that five miles of fence be built.

30. Anderson Allotment

See South Ash Valley Allotment discussion.

31. South McDonald Allotment

This is a future AMP for development. It is proposed that this allotment be managed as a two pasture system, to build three miles of fence and develop two reservoirs.

32. McDonald Mountain Allotment

This is a future AMP for development. Five pastures are presently being used under an informal grazing system. It is proposed that one reservoir be developed and that 5,000 acres be burned and released.

33. Dry Cow Allotment

This is a future AMP for development. It is proposed this allotment be managed as two or three pastures, and that 2,000 acres be burned and released.

34. Six Mile Hill Allotment

This is an existing AMP with three pastures. This AMP may need revision in the future. The present grazing system and monitoring will be maintained.

35. Starvation Gulch Allotment

This is an existing AMP with one pasture. The range user took a voluntary reduction in 1981 to improve range conditions. This AMP should be revised in consultation with the user and other interested parties. The present grazing system and monitoring will be maintained until revision is complete.

36. Archgate Allotment

This is an existing AMP with three pastures. This AMP may need revision in the future. The present grazing system and monitoring will be maintained.

37. Moon Springs Allotment

This is a future AMP for development. It is proposed to build one mile of fence and seed 50 acres.

38. Popcorn Cave Allotment

This is a future AMP for development. It is proposed to build onehalf mile of fence, one reservoir and to burn and seed 220 acres.

39. Hogback Ridge Allotment

This is a new AMP for development. It is proposed to manage this allotment as three pastures. It is proposed to build ½ mile of fence, one reservoir, one well and to burn and seed 160 acres.

Resource Protection

The proposed alternative in the land use plan include restrictions on disturbing activities on Sage grouse strutting grounds, livestock exclusion from 20 miles of riparian habitat, livestock exclusion from 70 meadow habitats, fencing of 50 acres of aspen stands in Tule Lake and Cold Springs allotments for aspen recruitment, fencing of four miles of Horse Creek to protect cultural sites, protection of sensitive plant species by fencing or buffer zones, improvements of the Sheep Valley riparian and meadow habitats by managing 350 acres and managing two Wilderness Study Areas under Interim Guidelines until Congress makes final designation. All AMP's will be developed in consultation with the range user and other interested parties. In addition to these resource protection measures, the following Standard Operating Procedures and Mitigating Measures will be followed:

A. Standard Operating Procedures

1. Land treatment areas and seedings will be rested until seedlings are sufficiently established to resist pull-up from grazing.

2. Prescribed Burn areas will be rested for two growing seasons after burning.

3. Construction of fences in wildlife use areas will meet BLM specifications to permit the movement of identified wildlife.

4. Livestock watering developments will be made available and safe for wildlife needs.

5. Before construction of range developments and vegetation manipulations, cultural resources will be inventoried and evaluated, and attempts to avoid adverse effects will be made. Where this is not possible, consultation will be made with the State Historic Preservation Officer (S.H.P.O.) and the Advisory Council on Historic Preservation to develop acceptable mitigative strategies in accordance with the Programmatic Memorandum of Agreement (dated January 14, 1980) between the Bureau and the Advisory Council. In addition, the views of responsible spokesmen of the local Native American community will be solicited. Conflicts will be resolved in accordance with 36 CFR 800 and in accordance with the Memorandum of Agreement signed by the California Native American Heritage Commission, the California S.H.P.O., and the BLM.

6. All water projects or projects which could influence the beneficial use of water will conform to BLM Best Management Practices Guidelines.

7. Spring sources generally will be fenced to prevent trampling of the immediate area. Livestock and big game water facilities will be provided outside the enclosure where the water source is important to big game distribution in the area or where necessary to maintain adequate livestock distribution within an allotment.

8. All disturbed areas will be reseeded with native and/or introduced species to provide ground cover.

9. New range developments and maintenance of existing developments within Wilderness Study Areas will meet the Bureau's Interim Management Policy.

10. Site specific endangered species inventories will be completed before any project is initiated. Endangered Species Act, Section 7 consultations will be conducted, if deemed necessary.

B. Mitigation Measures

The following mitigation measures are intended to help reduce or eliminate adverse impacts identified in the EIS. These include specific measures in addition to those already described under Standard Operating Procedures. All mitigation measures pertaining to the selected alternatives will be considered.

1. Increases in authorized livestock use for allotments or pastures not affected by vegetation conversion projects will be made initially in increments on a temporary nonrenewable basis, in order to assess the impacts of increased livestock use. After sufficient data has been collected and analyzed, a portion or all of the Suspended Nonuse AUMs may be reinstated. In areas where vegetation conversion is successful, an increase in livestock AUMs may occur after two to three growing seasons.

   This mitigation measure will prevent active preference from being increased to a level that would harm other resources before the impacts are known.

2. Livestock turnout areas will be rotated from year to year in AMP allotments, or where turnout areas stay the same, the period of use will not exceed three weeks.

   This mitigation measure will prevent persistently heavy livestock concentration in specific area, thus enhancing the distribution and utilization of preferred forbs and browse species.

3. Salt or mineral blocks will be located, and spring developments designed to encourage livestock use away from spring meadows. Where monitoring shows that livestock grazing continues to degrade meadow values, fencing and/or rehabilitation will be considered.

   Spring meadows provide important wildlife habitat and contain watershed values easily disturbed by excessive concentrations of livestock. This mitigation measure will minimize livestock trampling and vegetation destruction within these spring meadows and ensure further protection, if needed.

4. For all proposed seedings, suitable perennial forbs, grasses, and browse will be included in the seed mixture and about 20 percent of the total area treated will be left in native vegetation to provide interspersion within the seeded area.

   These measures will reduce the loss of pronghorn spring forage caused by seedings, maintain habitat diversity, and prevent the displacement of wildlife.

5. Exclosures to livestock will be actively maintained by BLM and will be constructed with a gate.

   Good maintenance will ensure that a good fence is there to keep cattle, including calves, out and the gate can be used to release animals that may become trapped inside.

6. Vegetation treatment areas by prescribed burn or aerial spray application will contain leave areas where necessary to protect bitterbrush, mahogany, or other browse and cover stands.

   These species are vital to wintering deer populations and are very difficult to reestablish after treatment.

7. The Best Management Practices for protection of water quality will include sitespecific mitigation measures and management prescriptions.

8. Use of check dams or other erosion control structures will be used to decrease accelerated erosion resulting from livestock grazing or other management activities.

C. Monitoring Program

Range

Monitoring will be conducted at two levels, each to answer a different set of questions. The first level would assure that grazing use is actually following the grazing plan. The second level would determine if the grazing plan is accomplishing the objectives set forth in the plan.

As Allotment Management Plans are developed, a detailed monitoring plan would be made part of each AMP. The monitoring system will be designed and tailored to the allotment.

The information elements of the grazing use monitoring program are outlined below:

1. Monitoring to assure the plan is being followed.

   a. Actual use.
   b. Utilization map.
   c. Permittee/Range Manager inspection tour.

2. Monitoring to meet grazing plan objectives.

   a. Trend Studies

      (1) Permanent transects.
      (2) Permanent photo stations.
      (3) Trend indicator summary.

   b. Special resource studies.

      Examples might be fisheries, archaeological sites, critical habitat, etc.

## Program Implementation

The following steps will be used to implement grazing management:

- -Maintain existing AMPs, revise where necessary and maintain existing monitoring.
- -Develop new AMPs addressing objectives, grazing systems, existing improvements, proposed improvements and use flexibility.
- -Construct range improvements as necessary.
- -Implement monitoring system to evaluate effectiveness of the Rangeland Management Program.
- -Adjust stocking levels and seasons of use in accordance with monitoring results and in consultation with affected users.

AMPs will be implemented as funds are available and priorities are set with consideration given to the following criteria:

- -Number of acres in unsatisfactory condition.
- -Potential for resource improvement.
- -Seriousness of resource conflicts.
- -Economic return from public investment.
- -Feasibility of improving management.

## Opportunity for Protest and Appeal

Pursuant to the regulations for grazing administration on public lands, the permittees and other affected parties will have the opportunity to protest and appeal the individual rancher decisions. Decisions will be furnished to each affected livestock operator and, by request, to other interested parties. The individual rancher decisions will furnish details, for protest or appeal, if any affected parties wish to exercise that right.

PUBLIC PARTICIPATION

The Susanville BLM District wants to thank those who responded to the Alturas and Redding Final Environmental Impact Statements. The following comment letters were received.

| Number | Date Received | Agency, Organization or Individual |
|---|---|---|
| 1 | 11/03/83 | Mr. Curtis Spalding<br>Susanville, California |
| 2 | 11/29/83 | Natural Resources Consultants<br>Dr. Donald W. Johnson,<br>Pocatello, ID |
| 3 | 11/30/83 | John R. Swanson<br>Berkeley, California |
| 4 | 12/01/83 | Natural Resources Defense Council, Inc.<br>Johanna H. Wald and David B. Edelson<br>San Francisco, California |
| 5 | 12/04/83 | Northeast Californians for Wilderness<br>Carl Schwarzenberg,<br>Susanville, California |
| 6 | 12/01/83 | Sierra Club, Mother Lode Chapter<br>Stan Weidert,<br>Shingletown, California |

The following are the Bureau's responses to the range management issues that were raised in the above letters:

Letter Number 1

Comment - You protest that the preferred alternative extensively increases livestock grazing without adequately providing for range improvement and resource protection.

Response - The RMP/EIS does not state that there will be livestock grazing increases. A range of uses is presented as an objective. Any future adjustments in grazing use, either up or down, will be made through monitoring as discussed on pages 2-56 and 2-57, FEIS. Adjustments in stocking levels will be allotment-specific. Range improvements are proposed and summarized on Table 2-2, FEIS.

Letter Number 2

Letter number two protested the wilderness recommendations. This protest letter was denied because the individual was not involved with the previous planning processes.

Letter Number 3

Letter number three protested the wilderness recommendations. This protest letter was dismissed pursuant to Section 603 of the Federal Land Policy and Management Act (FLPMA) which states wilderness recommendations are not subject to protest.

Letter Number 4

Comment - You protest the proposed levels of livestock use on the grounds that the proposed RMP and accompanying environmental impact statement (EIS) lack any data to justify such levels. You also object to the range management provisions because they fail to provide meaningful guidance for future livestock use.

Response - Present stocking rates are based on data collected during a comprehensive range production survey made in the Alturas Resource Area between 1959 and 1965. The adjudication that followed resulted in a 37 percent reduction in authorized grazing use at that time. Data acquired since that time are not sufficient to justify any change from adjudicated levels of livestock use. We do not, at this time, have accurate estimates of potential grazing capacity. Proposed ranges of animal unit months (AUMs) are identified in each alternative in Chapter 2 of the FEIS. Prior to any portion of the range of AUM's being added or subtracted, data will have been collected through the monitoring program (page 2-56, FEIS) to support changes in livestock use.

Forage will be determined as available (or not available) through resource monitoring using accepted BLM methods.

Comment - You protest the failure of the RMP to allocate AUM's to wildlife and to establish any wildlife objectives.

Response - The regulations which you cite (43 CFR Part 1601.0-5(k)(2)) do not specifically require RMP's to contain AUM allocations to wildlife. Current levels of livestock use are based on a survey method which did include an allocation of forage to wildlife. The Alturas RMP establishes management objectives (Chapter 2) for wildlife and provides for systematic and regular monitoring to gauge progress in meeting those objectives. Wherever it is determined necessary to meet those and the other established multiple-use management objectives, vegetation allocations will be modified.

Comment - You protest the plan for failure to include intervals and standards for monitoring or evaluating the plan to determine its effectiveness.

Response - A RMP Monitoring Plan and a Resource Monitoring Plan are in the process of being written. These plans will include monitoring intervals and standards as required. In addition, site specific monitoring plans for individual allotments will be developed as AMP's are prepared. This is discussed under the first two priorities of the Livestock Management Program (pages 2-53 and 2-54, FEIS).

Comment - You protest the proposed categorization of allotments on the ground that the Bureau would be illegally delegating its responsibility to manage uses of the public lands and on the ground that adequate opportunity for public participation in the categorization process was not provided.

Response - Public participation in the process of determining selective management categories was allowed three times during this process: (1) at user meeting; (2) during the comment period after "publication of the draft plan and draft environmental impact statement," as required by 43 CFR 1610.2(f); and (3) protest period after "publication of the final plan and final environmental impact statement" also as required by 43 CFR 1610.2(f).

A description and explanation of criteria were available to affected interests to assist in the initial categorization of allotments, and to the public both in the draft and final RMP/EIS, Number 3-4, the only category changed as as result of the comments received was the North Tablelands Allotment which changed from "M" to "I" as a result of further conflicts identified by the user group. No other comments on the management category of any other allotment have been received. If comments or protests regarding allotments had been received, they would have been considered.

Your broader disagreement with the policy itself cannot be dealt with in the context of the Alturas RMP. The protest question is limited to whether or not the policy was appropriately applied in this case.

Comment - You protest the plan's proposal to spray 2,4D on approximately 1,000 acres of public lands on the ground that the NEPA analysis is insufficient.

Response - Environmental consequences, as discussed in Chapter 4, assume, as stated on page 4-1, that Allotment Management Plans (AMP's) will be written during 1983-87, and Environmental Assessments will be completed before starting any project. Prior to implementation of any land or vegetative treatments, AMP's and accompanying environmental assessments will analyze actual environmental consequences including, whenever required, worse case analysis regarding potential herbicide uses.

Letter Number 5

Letter number five protested the wilderness recommendations. This protest letter was dismissed pursuant to Section 603 of the Federal Land Policy and Management Act (FLPMA) which states wilderness recommendations are not subject to protest.

Letter Number 6

This letter protested the same concerns as letter number four and the replies are the same.

TABLE I
Proposed Grazing Management

| Allotment | Selective Management Category | Permittee or Leasee | No/Class | Season of Use | Active AUMs | Date of AMP Development |
|---|---|---|---|---|---|---|
| 1. N. Tablelands | I | Nelson Ranch | 316C | 4/16-6/22 | 707 | 1967 |
| | | Rice Livestock | 418C | 4/16-6/22 | 836 | |
| | | John Weber | 659C<br>281C | 4/16-6/22<br>6/23-6/30 | 1546 | |
| | | John Younger | 151C<br>223C<br>151C | 4/16-4/22<br>4/23-6/22<br>6/23-6/30 | 525 | |
| 2. S. Tablelands | M | Robert Flournoy | 385C | 4/16-6/30 | 463 | 1972 |
| | | Warren Flournoy | 373C | 4/16-6/30 | 933 | |
| | | Van Loan Ranch | 243C | 4/16-6/30 | 608 | |
| 3. Pine Creek Mesa | M | Tim Struthers | 171C | 4/16-5/31 | 257 | 1972 |
| 4. S. Graves | M | Likely Land & Livestock | 450C | 4/16-9/30 | 1652 | 1969 |
| 5. N. Graves | I | Robert Mackey | 148C | 4/16-6/30 | 372 | 1969 |
| 6. Mackey | I | Robert Mackey | 50Y | 4/16-6/30 | 49 | 1969 |
| 7. Westside | I | Warren Weber | 257C | 4/1-5/31 | 513 | 1983 |

TABLE I
Proposed Grazing Management

| Allotment | Selective Management Category | Permittee or Leasee | No/Class | Season of Use | Active AUMs | Date of AMP Development |
|---|---|---|---|---|---|---|
| 8. Bailey Dorris | I | Warren Weber | 257C | 4/1-5/31 | 513 | 1983 |
| 9. Portuguese Flat | I | Diamond C Ranch | 184C | 4/16-5/31 | 276 | |
| | | Oakley Porter | 163C | 4/16-5/31 | 245 | |
| 10. Strip | I | Marcel Capik | 48C | 5/15-9/30 | 245 | |
| 11. Russell Slough | M | Marcel Capik | 115C<br>58C | 4/16-5/1<br>9/28-10/26 | 119 | 1977 |
| 12. Crowder | I | Calvin Milhouse | 53C | 5/1-7/30 | 160 | 1983 |
| 13. Chace Valley | I | Melvin Meyers | 51C | 4/16-5/31 | 77 | |
| 14. Dixie Valley | I | Dixie Valley Ranch | 382C<br>479C | 5/15-11/1<br>5/15-12/1 | 1291 | 1983 |

TABLE I
Proposed Grazing Management

| Allotment | Selective Management Category | Permittee or Leasee | No/Class | Season of Use | Active AUMs | Date of AMP Development |
|---|---|---|---|---|---|---|
| 22. Termo/Lane | I | Pitt River Ranches | 175C | 6/1-8/31 | 531 | |
| 23. Cold Springs | I | R.C. Roberts | 468C | 5/1-10/15 | 2157 | 1974 |
| 24. Tule Lake | I | Jack Estil | 349C | 5/1-9/30 | 1694 | 1971 |
| | | Likely Land & Livestock | 757C | 5/1-9/30 | 3370 | |
| | | Van Loan Ranch | 424C | 5/1-9/30 | 1908 | |
| | | McGarva Ranch | 181C | 5/1-9/30 | 882 | |
| | | John Espil | 1000S<br>1000S<br>2000S | 7/6-7/15<br>8/13-8/27<br>8/28-8/29 | | |
| 25. Nelson Corral | M | McGarva Ranch | 542C | 5/16-9/20 | 2256 | 1975 |
| 26. Silva Flat | M | Haskel Parks | 43C<br>2H | 5/1-9/30<br>5/1-9/30 | 225 | 1983 |
| | | Julian Mapes | 111C | 5/1-9/30 | 433 | |
| | | Virgil Knudsen | 75C<br>2H | 5/1-9/30<br>5/1-9/30 | 284 | |
| | | Hunt Revoc. Trust | 61C | 5/1-9/30 | 305 | |
| 27. Said Valley | I | Julian Mapes | 130C | 8/25-9/6 | 60 | |

TABLE I
Proposed Grazing Management

| Allotment | Selective Management Category | Permittee or Leasee | No/Class | Season of Use | Active AUMs | Date of AMP Development |
|---|---|---|---|---|---|---|
| 28. N. Ash Valley | I | Bath Trust | 387C | 4/16-9/30 | 1746 | |
| | | Fred | 184C | 4/16-9/30 | 760 | |
| | | Bath | 2C | 4/16-9/30 | 12 | |
| 29. S. Ash Valley | I | Freitas Brothers | 406C | 5/15-9/15 | 1624 | |
| 30. Anderson | I | Freitas Brothers | 23C | 5/15-9/15 | 90 | |
| 31. S. McDonald | I | R. C. Roberts | 182C | 4/16-10/31 | 1044 | |
| | | Pierre Mendiboure | 73C | 4/16-10/31 | 475 | |
| 32. McDonald Mountain | I | Pierre | 100C | 4/16-10/30 | | |
| | | Mendiboure | 357C | 6/1-10/30 | 2608 | |
| 33. Dry Cow | I | Likely Land & Livestock | 216C | 5/16-10/20 | 1103 | |
| 34. Six Mile Hill | I | Morris Doty | 49C | 4/15-6/14 | 147 | 1971 |
| 35. Starvation Gulch | I | George Ingram | 15C | 5/1-7/31 | 50 | 1968 |
| 36. Archgate | I | William Opferman | 40C | 4/15-8/1 | 210 | 1968 |
| 37. Moon Springs | I | Floyd Bidwell | 168C | 4/15-7/14 | 504 | |

TABLE I
Proposed Grazing Management

| Allotment | Selective Management Category | Permittee or Leasee | No/Class | Season of Use | Active AUMs | Date of AMP Development |
|---|---|---|---|---|---|---|
| 38. Popcorn Cave | I | Ted Crum | 126C | 4/15-6/14 | 252 | |
| 39. Hogback Ridge | I | Kenneth McArthur | 216C | 4/1-5/30 | 432 | |

TABLE II

Present Range Condition, Acreage, and Livestock Crazing Use

| Allotment | MA | Surveyed Ecological Range Condition on Public Lands: Unsurveyed BLM Acreage | Excellent | Cood | Fair | Poor | Woodland | BLM Acres | Total Acres | C/M/I Category | No. Users | No. Livestock | Season of Use | Active AUMs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S. Tablelands | 1 | 0 | 0 | 1,059 | 8,288 | 6,228 | 429 | 16,004 | 17,558 | M | 3 | 1,001 C | 04/16 - 06/30 | 2,504 |
| N. Tablelands | 1 | 772 | 0 | 320 | 18,182 | 3,846 | 0 | 23,120 | 23,726 | I | 4 | 1,692 C | 04/16 - 06/30 | 4,010 |
| W. Field | 1 | 0 | 0 | 0 | 0 | 624 | 0 | 624 | 2,960 | C | 1 | 32 C | 04/16 - 06/30 | 0 |
| E. Field | 1 | 0 | 0 | 0 | 2,902 | 962 | 0 | 3,864 | 4,496 | M | 1 | 50 C | 04/16 - 06/30 | 467 |
| Signal Butte | 1 | 0 | 0 | 0 | 462 | 623 | 181 | 1,266 | 1,460 | M | 4 | - N O T | L I C E N S E D - | 0 |
| Pine Creek Mesa | 1 | 0 | 0 | 0 | 1,573 | 484 | 0 | 2,057 | 2,363 | M | 1 | 171 C | 04/16 - 05/31 | 257 |
| Fitzhugh Field | 1 | 0 | 10 | 163 | 0 | 0 | 112 | 285 | 285 | C | 2 | 8 C | 04/16 - 08/31 | 36 |
| Pine Creek Field | 1 | 0 | 0 | 0 | 245 | 105 | 0 | 350 | 496 | C | 1 | 12 C | 04/16 - 08/31 | 18 |
| Corbie Field | 1 | 26 | 0 | 95 | 62 | 0 | 0 | 183 | 682 | C | 1 | 6 C | 04/16 - 08/31 | 27 |
| Dervin Field | 1 | 0 | 0 | 211 | 37 | 0 | 133 | 381 | 928 | C | 1 | 7 C | 04/16 - 08/31 | 32 |
| West Fitzhugh | 1 | 0 | 0 | 0 | 252 | 0 | 0 | 252 | 537 | C | 1 | - N O T | L I C E N S E D - | 0 |
| Highway | 1 | 80 | | | | | | 80 | 80 | C | 1 | 4 C | 11/01 - 11/30 | 4 |
| Ryegrass | 2 | 0 | 0 | 270 | 1,671 | 0 | 1,686 | 3,627 | 4,296 | M | 1 | 150 C | 04/16 - 05/31 | 225 |
| Portuguese | 2 | 0 | 0 | 904 | 2,163 | 125 | 322 | 3,514 | 5,360 | I | 2 | 347 C | 05/01 - 06/15 | 521 |
| S. Craves | 2 | 0 | 0 | 273 | 4,217 | 0 | 8,460 | 12,950 | 20,243 | I | 1 | 450 C | 04/16 - 09/31 | 1,652 |
| N. Graves | 2 | 0 | 0 | 52 | 1,746 | 495 | 718 | 3,011 | 4,088 | I | 1 | 148 C | 04/16 - 06/31 | 372 |
| Mackey | 2 | 0 | 0 | 154 | 453 | 115 | 168 | 890 | 1,427 | I | 1 | 26 C | 04/16 - 06/30 | 49 |
| Neer | 2 | 0 | 0 | 211 | 148 | 0 | 652 | 1,011 | 3,097 | C | 1 | 11 C | 04/01 - 10/31 | 80 |
| West Side | 2 | 0 | 0 | 697 | 1,331 | 24 | 119 | 2,171 | 2,910 | I | 1 | 63 C | 04/01 - 05/31 | 129 |
| Bailey Dorris | 2 | 0 | 0 | 1,317 | 1,453 | 198 | 0 | 2,968 | 3,676 | I | 1 | 193 C | 04/01 - 05/31 | 386 |
| Cutoff | 2 | 400 | | | | | | 400 | 430 | C | 1 | 36 Y | 04/16 - 05/31 | 41 |
| Rocky Prairie | 2 | 0 | 0 | 0 | 3,561 | 0 | 5,021 | 8,582 | 16,231 | M | 1 | 436 C | 05/01 - 10/15 | 934 |
| Flournoy Individual | 2 | 0 | 0 | 233 | 170 | 0 | 1,098 | 1,501 | 5,115 | C | 1 | 56 C | 04/16 - 09/15 | 70 |
| Bacon | 3 | 184 | | | | | | 184 | 404 | C | 1 | 6 C | 04/01 - 10/31 | 42 |
| Strip | 3 | 8,307 | | | | | | 8,307 | 8,500 | I | 1 | 49 C | 05/01 - 09/30 | 245 |
| Fisher | 3 | 628 | | | | | | 628 | 1,878 | C | 1 | 4 C | 04/01 - 10/31 | 28 |
| Kelley | 3 | 81 | | | | | | 81 | 633 | C | 1 | 2 C | 04/01 - 07/15 | 7 |
| Rimrock | 3 | 2,437 | | | | | | 2,437 | 2,913 | M | 2 | 218 C | 04/10 - 05/10 | 218 |
| Black Canyon Rim | 3 | 697 | | | | | | 697 | 950 | C | 1 | 13 C | 05/16 - 09/30 | 59 |
| S-X | 3 | 766 | | | | | | 766 | 1,079 | C | 1 | 10 C | 04/01 - 10/31 | 56 |
| Stevens | 3 | 240 | | | | | | 240 | 240 | C | 1 | - N O T | L I C E N S E D - | 0 |
| Stull | 3 | 480 | | | | | | 480 | 480 | C | 1 | - N O T | L I C E N S E D - | 0 |
| Hastings | 3 | 360 | | | | | | 360 | 360 | C | 1 | - N O T | L I C E N S E D - | 0 |
| X-L | 3[1/] | 1,452 | 0 | 0 | 137 | 0 | 0 | 1,589 | 4,489 | C | 1 | 57 C | 04/16 - 06/30 | 143 |
| Capik | 4 | 0 | 0 | 215 | 244 | 104 | 0 | 563 | 623 | M | 1 | 35 C | 05/01 - 10/31 | 48 |
| Christopher | 4 | 137 | | | | | | 137 | 1,010 | C | 1 | 10 C | 05/16 - 06/15 | 10 |

TABLE II (continued)

Present Range Condition, Acreage, and Livestock Grazing Use

| Allotment | MA | Unsurveyed BLM Acreage | Surveyed Ecological Range Condition on Public Lands: Excellent | Good | Fair | Poor | Woodland | BLM Acres | Total Acres | C/M/I Category | No. Users | No. Livestock | Season of Use | Active AUMs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cloud | 4 | 0 | 0 | 0 | 0 | 0 | 81 | 81 | 988 | C | 1 | 3 C | 06/16 - 09/15 | 9 |
| Russell Slough | 4 | 0 | 0 | 124 | 759 | 69 | 0 | 952 | 1,544 | M | 1 | 173 C | 04/16 - 10/26 | 119 |
| Roberts Creek | 4 | 10 | 0 | 0 | 184 | 0 | 0 | 194 | 439 | C | 1 | 2 C | 05/01 - 10/31 | 12 |
| Brunnemer | 4 | 0 | 0 | 9 | 31 | 0 | 0 | 40 | 40 | C | 1 | 1 C | 04/01 - 08/31 | 5 |
| Gardner | 4 | 12 | 0 | 284 | 44 | 0 | 0 | 340 | 1,252 | C | 1 | 6 C | 04/01 - 09/31 | 23 |
| Crowder | 4 | 10 | 0 | 1,009 | 1,160 | 0 | 52 | 2,231 | 3,157 | I | 1 | 53 C | 05/01 - 07/31 | 160 |
| Lakeshore | 4 | 385 | 0 | 38 | 137 | 0 | 0 | 560 | 943 | C | 1 | 20 C | 04/16 - 05/01 | 10 |
| Hagge | 4 | 400 | | | | | | 400 | 800 | C | 1 | 11 C | 04/01 - 06/30 | 33 |
| Hughes | 4 | 360 | | | | | | 360 | 760 | C | 1 | 50 C | 04/01 - 06/31 | 24 |
| Perry | 4 | 33 | 0 | 119 | 0 | 0 | 0 | 152 | 1,266 | C | 1 | 24 C | 05/01 - 05/31 | 24 |
| Prock | 4 | 531 | | | | | | 531 | 2,393 | C | 1 | 29 C | 04/16 - 06/15 | 58 |
| Russell | 4 | 36 | 0 | 83 | 0 | 0 | 0 | 119 | 244 | C | 1 | 4 C | 04/01 - 05/31 | 8 |
| Thoms Creek | 4 | 24 | 0 | 0 | 289 | 0 | 0 | 313 | 313 | C | 1 | 46 C | 04/16 - 05/31 | 69 |
| Sternes | 4 | 0 | 0 | 0 | 78 | 0 | 0 | 78 | 556 | C | 1 | 10 C | 05/01 - 06/30 | 20 |
| Brown Field | 4 | 616 | | | | | | 616 | 970 | C | 1 | 7 C | 04/16 - 08/31 | 32 |
| Porter Reservoir | 4 | 160 | | | | | | 160 | 160 | C | 1 | 15 C | 04/16 - 05/15 | 15 |
| Loomis | 5 | 575 | | | | | | 575 | 2,948 | C | 1 | 12 C | 05/01 - 11/30 | 84 |
| Chase Valley | 5 | 2,340 | | | | | | 2,340 | 2,686 | I | 4 | 180 C | 04/16 - 05/31 | 201 |
| Clark | 5 | 157 | | | | | | 157 | 157 | C | 1 | 4 C | 05/01 - 07/31 | 12 |
| Elcholz | 5 | 189 | | | | | | 189 | 7,359 | C | 1 | 9 C | 04/01 - 06/30 | 27 |
| Turner Canyon | 5 | 790 | | | | | | 790 | 1,412 | C | 2 | 73 C | 04/01 - 05/15 | 110 |
| Haury | 5 | 814 | | | | | | 814 | 1,626 | C | 1 | 100 C | 04/16 - 05/15 | 64 |
| Hitchens | 5 | 2,296 | | | | | | 2,296 | 4,330 | C | 1 | 25 C | 04/16 - 11/15 | 175 |
| Hayes Spring | 5 | 651 | | | | | | 651 | 801 | C | 2 | 104 C | 04/01 - 06/15 | 103 |
| Hines | 5 | 326 | | | | | | 326 | 697 | C | 1 | 13 C | 04/01 - 06/30 | 39 |
| Major | 5 | 481 | | | | | | 481 | 481 | C | 1 | 49 C | 04/16 - 05/30 | 73 |
| S. Juniper | 5 | 481 | | | | | | 481 | 492 | C | 1 | 64 C | 04/16 - 04/30 | 32 |
| Knudson | 5 | 242 | | | | | | 242 | 242 | C | 1 | 9 C | 05/16 - 09/15 | 36 |
| Kramer | 5 | 821 | | | | | | 821 | 1,554 | C | 1 | 200 C | 04/16 - 05/30 | 125 |
| Dibble Hill | 5 | 485 | | | | | | 485 | 1,305 | M | 1 | 28 C | 04/16 - 05/15 | 28 |
| North Dibble | 5 | 544 | | | | | | 544 | 751 | C | 1 | 35 C | 09/01 - 10/31 | 53 |
| Harper Hill | 5 | 0 | 0 | 71 | 199 | 0 | 263 | 533 | 2,186 | C | 1 | 18 C | 04/16 - 09/30 | 86 |
| Barber Canyon | 5 | 388 | | | | | | 388 | 623 | C | 1 | - N O T L I C E N S E D - | | 0 |
| Radio Hill | 5 | 80 | | | | | | 80 | 80 | C | 1 | 2 C | 09/01 - 10/31 | 4 |
| Reclamation | 5 | 0 | 0 | 0 | 163 | 0 | 0 | 163 | 210 | C | 1 | 11 C | 04/16 - 05/30 | 16 |
| South Barber | 5 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 80 | C | 1 | - N O T L I C E N S E D - | | 0 |

TABLE II (continued)

Present Range Condition, Acreage, and Livestock Grazing Use

| Allotment | MA | Surveyed Ecological Range Condition on Public Lands: Unsurveyed BLM Acreage | Excellent | Good | Fair | Poor | Woodland | BLM Acres | Total Acres | C/M/I Category | No. Users | No. Livestock | Season of Use | Active AUMs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Round Valley | 5 | 0 | 0 | 0 | 228 | 0 | 0 | 228 | 304 | C | 1 | 25 C | 04/16 - 10/31 | 61 |
| Indian Peak | 5 | 655 | | | | | | 655 | 1,105 | C | 1 | 8 C | 04/16 - 09/30 | 44 |
| Howell Canyon | 5 | 312 | | | | | | 312 | 1,200 | C | 1 | - N O T | L I C E N S E D - | 0 |
| Mamath | 5 | 605 | | | | | | 605 | 2,278 | C | 1 | 31 C | 04/01 - 05/15 | 46 |
| N. Juniper | 5 | 1,728 | | | | | | 1,728 | 1,974 | C | 1 | 105 C | 04/01 - 06/15 | 263 |
| Monchamp | 5 | 86 | | | | | | 86 | 89 | C | 1 | 2 C | 05/01 - 07/30 | 6 |
| Myers | 5 | 155 | | | | | | 155 | 284 | C | 1 | 2 C | 04/16 - 10/31 | 13 |
| Barrows | 5 | 714 | | | | | | 714 | 2,974 | M | 1 | 47 C | 04/16 - 06/30 | 69 |
| Butte Creek | 5 | 443 | | | | | | 443 | 527 | C | 1 | 41 C | 04/16 - 05/16 | 42 |
| Piper | 5 | 73 | | | | | | 73 | 312 | C | 1 | 2 H | 04/16 - 09/15 | 10 |
| Roberts Reservoir | 5 | 1,062 | | | | | | 1,062 | 2,958 | C | 1 | 12 C | 05/01 - 08/15 | 43 |
| Roberts Individual | 5 | 320 | | | | | | 320 | 481 | C | 1 | 61 C | 04/16 - 05/15 | 61 |
| Pilot Butte | 5 | 140 | | | | | | 140 | 275 | C | 1 | 30 C | 05/01 - 06/15 | 21 |
| Big Valley Mountain | 6[2] | 0 | 0 | 0 | 0 | 0 | 4,137 | 4,137 | 4,137 | C | 1 | 40 C | 04/16 - 06/15 | 80 |
| Babcock | 7 | 0 | 0 | 0 | 0 | 0 | 551 | 551 | 2,641 | C | 2 | 20 C | 04/16 - 06/16 | 40 |
| W. Beaver Creek | 7 | 505 | 0 | 105 | 5,637 | 82 | 1,042 | 7,371 | 7,902 | I | 3 | 223 C | 04/16 - 06/30 | 558 |
| Dixie Valley | 7 | 0 | 0 | 538 | 5,830 | 5,419 | 4,545 | 16,332 | 23,066 | I | 1 | 740 C | 04/01 - 12/30 | 1,291 |
| Bald Mountain | 7 | 0 | 0 | 322 | 2,885 | 792 | 2,263 | 6,262 | 8,081 | I | 1 | 261 C | 04/17 - 05/30 | 392 |
| Avery | 7 | 0 | 0 | 0 | 122 | 0 | 0 | 122 | 122 | C | 1 | 25 C | 05/01 - 05/30 | 18 |
| E. Beaver Creek | 7 | 342 | 0 | 0 | 186 | 2,019 | 624 | 3,171 | 3,979 | I | 1 | 504 C | 04/16 - 05/31 | 756 |
| Bend | 7 | 0 | 0 | 0 | 686 | 0 | 0 | 686 | 1,406 | C | 1 | 33 C | 04/16 - 05/31 | 50 |
| Thompson | 7 | 0 | 0 | 352 | 2,309 | 0 | 2,280 | 4,941 | 6,802 | I | 1 | 502 C, 6 H | 04/01 - 10/31 | 613 |
| Muck Valley | 7 | 4,915 | 0 | 226 | 120 | 1,548 | 4,845 | 11,654 | 20,090 | I | 1 | 343 C | 05/04 - 08/15 | 1,371 |
| Plantation | 7 | 0 | 0 | 0 | 120 | 226 | 1,097 | 1,443 | 1,540 | I | 1 | 267 C | 04/16 - 05/15 | 267 |
| Dixon Hill | 7[3] | 320 | | | | | | 320 | 640 | C | 1 | 30 C | 05/16 - 06/30 | 30 |
| Muck Valley | 8[3] | 0 | | 307 | 2,872 | 1,118 | 2,038 | 6,335 | 6,335 | - S E E | A L L O T M E N T | S U M M A R Y | I N | MA 7 - |
| E. Beaver Creek | 8[3] | 0 | | | | 525 | | 525 | 525 | - S E E | A L L O T M E N T | S U M M A R Y | I N | MA 7 - |
| River Pasture | 8[3] | 0 | | 120 | 715 | 59 | 2,391 | 3,285 | 5,474 | I | 1 | 190 C | 04/17 - 05/30 | 285 |
| Thompson | 8[3] | 160 | | | 400 | | 40 | 600 | 600 | - S E E | A L L O T M E N T | S U M M A R Y | I N | MA 7 - |
| Round Barn | 8 | 830 | | | | | | 830 | 1,740 | | | - N O T | L I C E N S E D - | 0 |
| Termo/Lane | 9 | 0 | 3,861 | 0 | 2,518 | 0 | 0 | 6,379 | 14,120 | I | 1 | 574 C | 06/10 - 10/20 | 531 |
| Lower Highway | 9 | 636 | | | | | | 636 | 636 | C | 1 | 80 C | 06/01 - 06/30 | 160 |
| Fillman-Diablo | 10 | 599 | 130 | 546 | | | 349 | 1,624 | 5,504 | C | 1 | 30 C | 05/01 - 09/30 | 150 |
| Silva Flat | 10 | 0 | 0 | 7,824 | 4,254 | 30 | 2,642 | 14,750 | 18,097 | M | 4 | 290 C, 4 H | 05/01 - 09/30 | 1,249 |
| Daisy Dean | 10 | 0 | 0 | 290 | 7 | 0 | 177 | 474 | 609 | C | 1 | 17 C | 05/16 - 09/30 | 80 |
| Hencraft | 10 | 0 | 0 | 439 | 94 | 0 | 684 | 1,217 | 10,914 | C | 1 | 31 C | 05/15 - 09/05 | 154 |

TABLE II (continued)

Present Range Condition, Acreage, and Livestock Grazing Use

| Allotment | MA | Surveyed Ecological Range Condition on Public Lands: Unsurveyed BLM Acreage | Excellent | Good | Fair | Poor | Woodland | BLM Acres | Total Acres | C/M/I Category | No. Users | No. Livestock | Season of Use | Active AUMs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cold Springs | 10 | 774 | 84 | 12,823 | 3,681 | 0 | 316 | 17,678 | 18,839 | I | 1 | 468 C | 05/01 - 10/15 | 2,157 |
| Cramer | 10 | 645 | | | | | | 645 | 987 | C | 1 | 9 C | 04/16 - 08/15 | 36 |
| Marr | 10 | 73 | | | | | | 73 | 219 | C | 1 | 1 C | 04/16 - 08/15 | 4 |
| Crabtree | 10 | 340 | | | | | | 340 | 660 | C | 1 | 27 C | 05/01 - 10/15 | 15 |
| South McDonald | 10 | 1,059 | 1,428 | 4,531 | 4,230 | 12 | 0 | 11,260 | 11,990 | I | 2 | 255 C | 04/16 - 10/30 | 1,616 |
| McDonald Mountain | 10 | 466 | 0 | 2,423 | 7,196 | 0 | 2,191 | 12,276 | 14,126 | I | 1 | 401 C | 04/16 - 10/30 | 2,608 |
| Coffin | 10 | 586 | 0 | 0 | 711 | 0 | 0 | 1,297 | 2,217 | C | 1 | 10 C | 04/16 - 10/30 | 70 |
| Brockman | 10 | 0 | 0 | 70 | 484 | 0 | 433 | 987 | 5,880 | C | 1 | 20 C | 04/16 - 10/30 | 130 |
| Hall Field | 10 | 0 | 0 | 1,257 | 0 | 0 | 0 | 1,257 | 2,510 | M | 1 | 59 C | 04/16 - 09/15 | 192 |
| Dry Cow | 10 | 0 | 0 | 5,203 | 0 | 0 | 0 | 5,203 | 6,338 | I | 1 | 216 C | 05/16 - 10/20 | 1,103 |
| Mitchell Hill | 10 | 0 | 0 | 2,672 | 3,103 | 0 | 1,800 | 7,575 | 8,041 | I | 4 | 179 C | 04/16 - 09/15 | 867 |
| Tule Lake | 10 | 542 | 1,914 | 17,938 | 20,043 | 268 | 8,185 | 48,890 | 59,783 | I | 6 | 1,925 C | 05/01 - 09/30 | 9,054 |
| Deep Canyon | 10 | 1,570 | 0 | 370 | 63 | 0 | 395 | 2,398 | 4,812 | C | 1 | 45 C | 04/16 - 09/15 | 225 |
| Warm Springs | 10 | 0 | 0 | 606 | 341 | 0 | 156 | 1,103 | 4,114 | M | 1 | 76 C | 04/16 - 08/15 | 128 |
| Nelson Corral | 10 | 2,556 | 0 | 4,469 | 5,486 | 0 | 856 | 13,367 | 16,881 | M | 1 | 542 C | 05/16 - 09/20 | 2,256 |
| South Fork | 10 | 0 | 0 | 422 | 866 | 0 | 2,516 | 3,804 | 5,649 | M | 1 | 261 C | 05/01 - 09/15 | 1,175 |
| North Ash Valley | 10 | 0 | 4,104 | 7,712 | 1,826 | 0 | 3,539 | 17,181 | 25,577 | I | 2 | 571 C | 04/16 - 09/30 | 2,505 |
| South Ash Valley | 10 | 0 | 2,481 | 2,057 | 3,746 | 0 | 8,540 | 16,824 | 21,557 | I | 1 | 406 C | 05/15 - 09/15 | 1,624 |
| Anderson | 10 | 0 | 0 | 499 | 376 | 0 | 0 | 875 | 1,465 | I | 1 | 17 C | 04/16 - 09/30 | 90 |
| Wing | 10 | 0 | 0 | 1,681 | 52 | 0 | 428 | 2,161 | 6,154 | C | 1 | 1,000 S | 05/16 - 10/25 | 372 |
| Dry Valley | 10 | 0 | 0 | 871 | 377 | 0 | 1,052 | 2,300 | 5,447 | C | 1 | 113 C | 04/16 - 09/30 | 273 |
| Said Valley | 10 | 0 | 23 | 406 | 25 | 0 | 372 | 826 | 1,881 | I | 1 | 130 C | 08/25 - 09/06 | 60 |
| Summit/Williams | 10 | 0 | 112 | 30 | 735 | 0 | 958 | 1,835 | 7,826 | C | 1 | 28 C | 05/01 - 09/30 | 140 |
| Clarks Valley | 10 | 115 | | | | | | 115 | 935 | C | 1 | 6 C | 05/01 - 09/30 | 30 |
| Owl Creek | 11 | 240 | | | | | | 240 | 240 | | | - N O T L I C E N S E D - | | 0 |
| Milk Creek | 11 | 120 | | | | | | 120 | 120 | | | - N O T L I C E N S E D - | | 0 |
| Granger | 11 | 1,300 | | | | | | 1,300 | 1,300 | C | 1 | 20 C | 04/15 - 05/30 | 30 |
| Cedar Creek | 11 | 440 | | | | | | 440 | 440 | | | - N O T L I C E N S E D - | | 0 |
| McCulley | 11 | 1,000 | | | | | | 1,000 | 1,000 | C | 1 | 10 C | 05/01 - 06/30 | 20 |
| Soldier Creek | 11 | 40 | | | | | | 40 | 40 | | | - N O T L I C E N S E D - | | 0 |
| Mill Creek | 11 | 40 | | | | | | 40 | 40 | | | - N O T L I C E N S E D - | | 0 |
| Goose Creek | 11 | 40 | | | | | | 40 | 40 | C | 1 | 2 C | 05/01 - 09/30 | 10 |
| Buck Mountain | 11 | 120 | | | | | | 120 | 120 | C | 1 | 10 H | 04/01 - 10/31 | 19 |
| Upper Lake | 11 | 0 | 0 | 0 | 0 | 720 | 0 | 720 | 720 | C | 1 | 50 C | 05/01 - 07/30 | |
| | | | | | | | | | | | | 9 C | 08/01 - 09/30 | 168 |

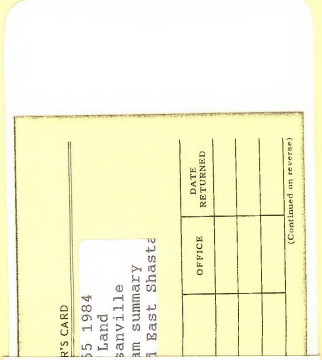
TABLE II (continued)

Present Range Condition, Acreage, and Livestock Grazing Use

| Allotment | MA | Unsurveyed BLM Acreage | Surveyed Ecological Range Condition on Public Lands: Excellent | Good | Fair | Poor | Woodland | BLM Acres | Total Acres | C/M/I Category | No. Users | No. Livestock | Season of Use | Active AUMs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fandango | 11 | 1,000 | | | | | | 1,000 | 1,000 | C | 1 | 93 C<br>47 C | 04/15 - 05/15<br>09/01 - 09/30 | 140 |
| South Bidwell | 11 | 300 | | | | | | 300 | 300 | C | 1 | 26 C | 04/01 - 04/30 | 26 |
| Bidwell Creek | 11 | 80 | | | | | | 80 | 80 | | | - N O T | L I C E N S E D - | 0 |
| Bidwell | 11 | 40 | | | | | | 40 | 40 | C | 1 | 2 H | 04/15 - 09/30 | 8 |
| Isolated Tracts | | 6,267 | | | | | | 6,267 | 6,267 | | | | | |
| TOTAL - 138 Allotments | | 65,637 | 14,147 | 85,020 | 134,745 | 26,820 | 80,937 | 401,826 | 591,724 | | 168 | 18,303 | | 50,464 |

1/ X-L Allotment is divided by Highway 395 between MA 3 and MA 4. (80 AUMs and 63 AUMs, respectively.)
2/ Big Valley Mountain Allotment is in MA 6 and MA 7.
3/ Portions of Muck Valley, Thompson, and E. Beaver Creek are in MA 7 and MA 8.

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225




SF 85.35 .C2 A455 1984
U. S. Bureau of Land
Management. Susanville
Rangeland program summary
for Alturas and East Shasta

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225